Application No. 09/911,023   **Docket No. RSW920010079US1**
Reply to Office Action dated June 15, 2005

<center>AMENDMENTS TO THE CLAIMS</center>

This Listing of Claims will replace all prior versions, and listings, of claims in this

application:

Listing of Claims:

1-2.   (Canceled)

3.   (Currently Amended) A method as set forth in claim 4 4, wherein said

correlating step comprises at least the step of:

assigning the child-node context-value of said correlated child nodes to inherit

the parent-node context value.

4.   (Currently Amended) A method of controlling access by a parent node to

child nodes in a DOM tree corresponding to a data file, comprising the steps of:

assigning a parent-node context-value to said parent node, said parent-node

context-value being stored as character information in the data file;

assigning a child-node context-value to each of said child nodes, said parent-

node context-value being stored as character information in the data file;

correlating one or more of said child nodes to said parent node, said correlating

step comprising at least assigning the child-node context-value of said correlated child

nodes to be the same as the parent-node context value; and

permitting access by said parent node only to said correlated child nodes;

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~~A method as set forth in claim 2,~~ wherein each of said parent node and said child

nodes is assigned a name, said name being stored as character information n the data

file, and wherein each of the names assigned to said child nodes is encrypted at the

time it is assigned, and wherein said step of permitting access comprises at least the

step of:

decrypting the names of each correlated child node.

5.   (Canceled)

6.   (Currently Amended) A method as set forth in claim 4 ~~4~~, wherein each of

said child nodes is assigned a child-node context-value which is unique with respect to

the child-node context-value of all other child nodes, and wherein only one of said child

nodes is correlated to said parent node, said correlating step comprising at least the

step of:

assigning the child-node context-value of said correlated child-node to be the

same as the parent-node context-value.

7-8.   (Canceled)

9.   (Currently Amended) A system as set forth in claim 10 ~~7~~, wherein said

means for correlating comprises at least:

means for assigning the child-node context-value of said correlated child nodes

to inherit the parent-node context value

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10.   (Previously Presented) A system for controlling access by a parent node to child nodes in a DOM tree corresponding to a data file, comprising:

means for assigning a parent-node context-value to said parent node, said parent-node context-value being stored as character information in the data file;

means for assigning a child-node context-value to each of said child nodes, said parent-node context-value being stored as character information in the data file;

means for correlating one or more of said child nodes to said parent node, wherein said means for correlating comprises at least means for assigning the child-node context-value of said correlated child nodes to be the same as the parent-node context value; and

means for permitting access by said parent node only to said correlated child nodes;

A system as set forth in claim 8, wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said means for permitting access comprises at least:

means for decrypting the names of each correlated child node.

11.   (Canceled)

12.   (Currently Amended) A system as set forth in claim 10 7, wherein each of said child nodes is assigned a child-node context-value which is unique with respect to

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the child-node context-value of all other child nodes, and wherein only one of said child

nodes is correlated to said parent node, said means for correlating comprising at least:

means for assigning the child-node context-value of said correlated child-node to

be the same as the parent-node context-value.

13-14. (Canceled)

15.   (Currently Amended) A computer program product as set forth in claim 16

~~13~~, wherein said computer-readable program code configured to correlate one or more

of said child nodes to said parent node comprises at least:

computer-readable program code configured to assign the child-node context-

value of said correlated child nodes to inherit the parent-node context value.

16.   (Currently Amended). <u>A computer program product for controlling access</u>

<u>by a parent node to child nodes in a DOM tree corresponding to a data file, comprising:</u>

<u>computer-readable program code embodied in a computer-readable storage</u>

<u>medium, said computer-readable program code comprising:</u>

<u>computer-readable program code configured to assign a parent-node context-</u>

<u>value to said parent node, said parent-node context-value being stored as character</u>

<u>information in the data file;</u>

<u>computer-readable program code configured to assign a child-node context-</u>

<u>value to each of said child nodes, said parent-node context-value being stored as</u>

<u>character information in the data file;</u>

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computer-readable program code configured to correlate one or more of said child nodes to said parent node, wherein said computer-readable program code configured to correlate one or more of said child nodes to said parent node comprises at least computer-readable program code configured to assign the child-node context-value of said correlated child nodes to be the same as the parent-node context value; and

computer-readable program code configured to permit access by said parent node only to said correlated child nodes;

~~A computer-program-product-as-set-forth-in-claim-14,~~ wherein each of said parent node and said child nodes is assigned a name, said name being stored as character information in the data file, and wherein each of the names assigned to said child nodes is encrypted at the time it is assigned, and wherein said computer readable program code configured to permit access by said parent node only to said correlated child nodes comprises at least:

computer-readable program code configured to decrypt the names of each correlated child node.

17.   (Canceled)

18.   (Currently Amended) A computer program product as set forth in claim <u>16</u> ~~13~~, wherein each of said child nodes is assigned a child-node context-value which is unique with respect to the child-node context-value of all other child nodes, and wherein only one of said child nodes is correlated to said parent node, said computer-readable

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program code configured to correlate one or more of said child nodes to said parent

node comprising at least:

computer-readable program code configured to assign the child-node context-

value of said correlated child-node to be the same as the parent-node context-value.

19.   (Previously Presented) A method of controlling access by a parent node

to child nodes in a DOM tree corresponding to a data file, comprising the steps of:

assigning a parent-node context-value to said parent node, said parent-node

context-value being stored as character information in the data file;

assigning a child-node context-value to each of said child nodes, said parent-

node context-value being stored as character information in the data file;

assigning each of said parent node and said child nodes a respective name;

encrypting each of said respective names;

storing said encrypted respective names as character information in the data file,

correlating one or more of said child nodes to said parent node by assigning the

child-node context-value of said correlated child nodes to be the same as the parent-

node context value; and

permitting access by said parent node only to said correlated child nodes, said

permitting access including decrypting the names of each correlated child node.

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